

**INDIAN BUREAU OF MINES
MINERALS DEVELOPEMMENT AND REGULATION DIVISION**

MCDR INSPECTION REPORT

Hyderabad regional office

Mine file No : AP/KNL/LST-138/HYD

Mine code : 38APR11078

- (i) Name of the Inspecting : **PR09**) **M.Pratap.Reddy**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : RAM GOUD REP.OF LESSEE
Official with
Designation
- (iv) Date of Inspection : 21/08/2016
- (v) Prev.inspection date : 29/10/2015

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **VENKATAPURAM (S.NO 72)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : ANDHRA PRADESH
District : KURNOOL
Village : VENKATPURAM
Taluka : DHONE
Post office : YERKENDLA
Pin Code : 518222
FAX No. :
E-mail :
Phone :
- (f) Police Station : BANAGANPALLI
- (g) First opening date : 13/03/2000
- (h) Weekly day of rest : SUN
2. Address for : B.SANJEEV REDDY, MINE OWNER
correspondance AT/PO-YANAKANDLA, BANAGANAPALLI MANDAL
KURNOOL DIST, A.P
3. (a) Lease Number : APR1436
- (b) Lease area : 2.75
- (c) Period of lease : 20
- (d) Date of Expiry : 09/03/2019
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : B.SANJEEVA REDDY
25/512, NANDYAL KURNOOL
ANDHRA PRADESH
Phone:
FAX :

Owner : B.SANJEEVA REDDY
25/512, SRINIVASA NAGAR
NANDYAL KURNOOL ANDHRA
PRADESH
Phone: 08514 - 242356
FAX :

6. Date of approval of Mining : Fresh under rule 22 MCR1960 17/11/1999
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	There are no approved proposals of Exploration for the previous year	Does not arise	
1b	Exploration over lease area for geological axis 1 or 2	There are no approved Exploration proposals	No exploration has been carried out as per the norms of UNFC system.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	There are no valid approved proposals	No exploration agency undertook exploration.	
1d	Balance area to be explored to bring Geological axis in 1 or 2	There are no approved proposals.	The entire Ml area i.e 0.639 ha need to be explored.	
1e	Balance reserve as on 01/04/20	There are no approved/valid reserve estimate exists.	There exists about 40,000 T	
1f	General remarks of inspecting officers on geology, exploration etc	The area pertains to Kurnool group of formation and it is Tuffaceous Limestone.	As said it is Tuffaceous Limestone pertaining to Kurnool group.No exploration in terms of UNFC system is carried out.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No valid approved proposals exists.	The mine is not in operation since 1.4.2014. The earlier mining operations took place in the central part of the ML area over dimension of 200mLx30-60m W x 4-6m depth.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	There is no valid approved proposals exists	A top bench of about 0.2-0.4m height overburden bench consisting of soil and sub soil exists.	

2c	Stripping ratio or ore to OB ratio	There is no valid approved proposals exists	Negligible overburden exists.
2d	Quantity of topsoil generation in m3	There is no valid approved proposals exists	As on the day of inspection there is no top soil exists. Almost 90% of the ML has been degraded.
2e	Quantity of overburden generation in m3	There is no valid approved proposals exists	As said above, there is no overburden.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	There is no valid approved proposals exists.	The entire overburden of 0.2-0.4m thickness cap has already been removed. As on the day of inspection there is no overburden exists.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	There is no valid approved proposals exists.	There exists a single pit of dimension 200mLx30-60mWx3-6m H	
3b	Quantity of ROM mineral production proposed	There is no valid approved proposals exists	The mine is under non operation since 1.4.2013.	
3c	Recovery of sailable/usable mineral from ROM production	There is no valid approved proposals exists.	The enire ROM is saleable.	
3d	Quantity of mineral reject generation	There is no valid approved proposals exists	There is no generation of Mineral rejects.	
3e	Grade of mineral rejects generation and threshold value declared.	There is no valid approved proposals exists.	There is no mineral reject.	
3f	Quantity of sub grade mineral generation.	There is no valid approved proposals exists.	There is no subgrade generation.	
3g	Grade of sub grade mineral generation	There is no valid approved proposals exists .	Grade of subgrade mineral does not arise since ther is no subgrade generation.	

3h	Manual / Mechanised method adopted for segregating from ROM	There is no valid approved proposals exists	The mineral is saggregated manually.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	There is no valid approved proposals exists.	No beneficiation of subgrade is carried out.
3j	Provision of drilling and blasting in mineral benches	There is no valid approved proposals exists	No drilling and blasting is carried out.
3k	Provision of mining machineries in mineral benches	There is no valid approved proposals exists.	There is no mining machinary deployed.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	There is no valid approved proposals exists.	The mining operations are of manual nature with bench not exceeding 3-6m.
3m	Total area covered under excavation/pits	There is no valid approved proposals exists.	An extent of 0.9 ha has been degraded.
3n	Ore to OB ratio for the pit/mine during the year.	There is no valid approved proposals exists.	The Ore to Overburden ratio is negligisble.
3o	Total area put in use under different heads at the end of year	There is no valid approved proposals exists.	The total area put to use is about 0.902 ha.
3p	Production of ROM mineral during the last five year period as applicable	There is no valid approved proposals of production for the years 2011-12 to 2015-16.	2011-12=55,712T, 2012- 13=2000T, 2013-14= 0 T, 2014-15=0 T, 2015-16=0 T.
3q	General remarks of inspecting officers on method of mining etc.	There is no valid approved proposals exists	The mining operations are of open cast and manual nature.

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	There is no valid approved proposals exists	The top soil which was generated was concurrently used for the afforestation purpose, There is no seperate dump of soil, OB, and minerral reject exists.	
4b	Location of topsoil, OB and mineral reject dumps	There is no valid approved proposals exists.	There are no dumps of top soil,OB and mieral reject dumps.	
4c	Number of dumps within lease area and outside of lease area	There is no valid approved proposals exists.	Nil.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	There is no valid approved proposals exists.	No dumps exists in the ML area.	
4e	Number of active and alive dumps.	There is no valid approved proposals exists.	Nil.	
4f	Number of dead dumps.	There is no valid approved proposals exists.	Nil.	
4g	Number of dumps established.	There is no valid approved proposals exists.	Nil.	
4h	Whether Retaining wall or garland drain all along dumps are there.	There is no valid approved proposals exists	No dumps exists.	
4i	Length of Retaining wall or garland drain all along dumps	There is no valid approved proposals exists.	No dumps exists.	
4j	Number of settling ponds	There is no valid approved proposals exists.	Nil.	
4k	Specific comments of inspecting officer on waste dump management	There is no valid approved proposals exists	There is no generation of waste or mineral rejects and therefore no dump of any kind exists in the ML area or outside ML area.	

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	There is no valid approved proposals exists.	Mineral at depth is yet to exhaust.	
5b	Area under backfilling of mined out area	There is no valid approved proposals exists.	Nil.	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	There is no valid approved proposals exists.	The soil is concurrently used for afforestation along the 7.5m buffer zone.	
5d	Total area fully reclaimed and rehabilitated	There is no valid approved proposals exists	Nil.	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	There is no valid approved proposals exists.	The mineral is yet to exhaust at depth and backfilling and reclamation at this stage does not arise.	

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	There is no valid approved proposals exists	No annual report on PMCP is submitted.	
6b	Area available for rehabilitation (ha) .	There is no valid approved proposals exists	Nil.	
6c	afforestation done (ha).	There is no valid approved proposals exists	Nil,The survival of saplings is very poor.	
6d	No. of saplings planted during the year	There is no valid approved proposals exists	Nil.	
6e	Cumulative no .of plants	There is no valid approved proposals exists	Nil.	

6f	Any other method of rehabilitation	There is no valid approved proposals exists	No.
6g	Cost incurred on watch and care during the year	There is no valid approved proposals exists.	Nil.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	There is no valid approved proposals exists.	No reclamation and rehabilitation by backfilling is done as the broken area is yet to mature.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	There is no valid approved proposals exists.	No reclamation and rehabilitation is done.
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	There is no valid approved proposals exists.	No reclamation by means of afforestation is done.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	There is no valid approved proposals exists.	No reclamation and rehabilitation by making water Reservoir is done.
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	There is no valid approved proposals exists	There are no other specific means reclamation and rehabilitation.
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	There is no valid approved proposals exists.	The entire ML area is mineralised area.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	There is no valid approved proposals exists.	There is no waste land in the ML area.

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	There is no valid approved proposals exists.	No rehabilitation work is undertaken.
6p	Compliance of environmental monitoring (core zone and buffer zone)	There is no valid approved proposals exists.	Since the mine is under non operation and no monitoring is done.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	There are no approved proposals.	The mining operations in subject mine are under suspension.The mineral is yet to exhaust and hence the reclamation and rehabilitation at this stage does not arise.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	There are no approved proposals.	The mine is under non operation and there is no mineral dipatch.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	There are no approved proposals.	No production is done and sorting of mineral does not arise.	
7c	Different grade of mineral sorted out at mines.	There are no approved proposals.	No grade sorting is done since there is no production.	
7d	Any beneficiation process at mines	There are no approved proposals.	No beneficiation is done.	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	There are no approved proposals.	The mininig operations in the mine are under suspension and no production is done. Thus grading and sorting does not arise.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	There are no approved proposals.	As on the date of inspection no top soil in the ML area
8b	Concurrent use or storage of topsoil	There are no approved proposals.	No top soil exists in the ML area.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	There are no approved proposals.	There is no overburden and Mineral reject dump exists.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	There are no approved proposals.	Does not arise.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	There are no approved proposals.	There is no restoration, reclamation and rehabilitation of land affected by mining operations
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	There are no approved proposals.	No plantation is done in the ML area.
8g	Survival rate	There are no approved proposals.	No saplings exists in the MLarea.
8h	Water sprinkling on roads to control airborne dust	There are no approved proposals.	The mine is under non operation and no water sprinkling of roads is done.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	There are no approved proposals.	The mine is under non operation and there is no aesthetic beauty in and around the mine area.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	Monthly reports need to be submitted before 10 of every month in respect of preceeding month.	No monthly returns being submitted,	A violation of Rule 45(5)(a)(viii) of MCDR 1988 has been pointed out.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager			

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed			Show cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
Rule 12(3)	27/10/2016				
Rule 13(1)	27/10/2016				
Rule 23F(3)	27/10/2016				
Rule 45(1)(a)	27/10/2016				
Rule 45(5)(b)	27/10/2016				

Date :

(M.Pratap.Reddy)

Indian Bureau of Mines